

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|---------------------------|------------------|
| 1 | 57664 | 29/603.07,603.11, 603.13-17, 605, 606.ccls. | USPAT; JPO; DERWENT | 2004/03/11 14:25 |
| 2 | 2226 | 360/121,123,126,317.ccls. and (magnetic adj head) | USPAT; JPO | 2004/03/11 14:26 |
| 3 | 3181 | 360/121,123,126,317.ccls. | USPAT; JPO | 2004/03/11 14:26 |
| 4 | 98 | perpendicular adj magnetic adj head | USPAT; JPO | 2004/03/11 14:59 |
| 5 | 865 | aux\$6 adj magnetic adj pole | USPAT; JPO | 2004/03/11 14:27 |
| 6 | 23 | (perpendicular adj magnetic adj head) and (aux\$6 adj magnetic adj pole) | USPAT; JPO | 2004/03/11 14:44 |
| 7 | 8 | ("5225953" "5440530" "5454158" "5850326" "6128166" "6292329" "6304415" "6385008").PN. | USPAT | 2004/03/11 14:29 |
| 8 | 0 | (aux\$6 adj magnetic adj pole) and (coupl\$3 adj layer) | USPAT; JPO; DERWENT | 2004/03/11 14:44 |
| 9 | 20 | 360/121,123,126,317.ccls. and (perpendicular adj magnetic adj head) | USPAT; JPO; DERWENT | 2004/03/11 14:45 |
| 12 | 17 | 4855854.URPN. | USPAT | 2004/03/11 14:47 |
| 13 | 24 | 4943882.URPN. | USPAT | 2004/03/11 14:56 |
| 14 | 59 | ("2927163" "3805291" "3813766" "4001890" "4078300" "4138702" "4219855" "4404609" "4423450" "4438471" "4441131" "4541026" "4546398" "4575777" "4613918" "4631612" "4639810" "4649449" "4652956" "4672494" "4703382" "4731157" "4742413" "4763215" "4839761" "4860139" "4873599" "4931886" "4943882" "4974110" "4985792" "5016342" "5027246" "5068959" "5073836" "5196976" "5225953" "5241430" "5305516" "5372698" "5430589" "5606478" "5668689" "5687046" "5738927" "5796557" "5801910" "5812350" "5864450" "5920979" "5942342" "5991126" "5995341" "5995343" "5996045" "6063512" "6163442" "6259583" "6317290" "2001/0022712" "2001/0027603").PN. | USPAT | 2004/03/11 14:57 |
| 15 | 91 | perpendicular adj magnetic adj record\$3 adj head | USPAT; JPO | 2004/03/11 14:59 |
| 16 | 91 | perpendicular adj magnetic adj recording adj head | USPAT; JPO | 2004/03/11 15:00 |
| 17 | 1 | (29/603.07,603.11, 603.13-17, 605, 606.ccls.) and (perpendicular adj magnetic adj recording adj head) | USPAT; JPO | 2004/03/11 15:00 |
| 18 | 17 | 360/121,123,126,317.ccls. and (perpendicular adj magnetic adj recording adj head) | USPAT; JPO | 2004/03/11 15:03 |
| 19 | 377 | kobayashi-kiyoshi.in. | USPAT; JPO | 2004/03/11 15:04 |
| 20 | 6 | (perpendicular adj magnetic adj record\$3 adj head) and kobayashi-kiyoshi.in. | USPAT; JPO | 2004/03/11 15:04 |
| - | 1024 | 360/126,317.ccls. and (magnetic adj head) | USPAT; JPO | 2004/03/11 14:26 |
| - | 197 | 451/5,41.ccls. and magnetic and polish\$3 | USPAT; JPO | 2002/09/20 12:35 |
| - | 51 | (451/5,41.ccls. and magnetic and polish\$3) and (magnetic adj head) | USPAT; JPO | 2002/09/20 13:53 |
| - | 109 | ((360/126,317.ccls. and (magnetic adj head)) and (second adj (magnetic or yoke))) and polish\$3 and (flat\$ or plan\$) | USPAT; JPO | 2002/09/20 14:02 |
| - | 134 | 451/5,41.ccls. and (magnetic same polish\$3) | USPAT; JPO | 2002/09/20 13:53 |
| - | 121 | (451/5,41.ccls. and (magnetic same polish\$3)) and (flat\$ or plan\$) | USPAT; JPO | 2002/09/20 13:54 |
| - | 194 | 360/126,317.ccls. and (magnetic adj head) and (magnetic adj (material or layer)) and polish\$3 and (flat\$ or plan\$) | USPAT; JPO | 2002/09/20 14:04 |
| - | 45 | 360/126,317.ccls. and (magnetic adj head) and ((magnetic adj (material or layer)) same polish\$3 same (flat\$ or plan\$)) | USPAT; JPO | 2002/09/20 14:31 |
| - | 80 | (magnetic adj head) and ((magnetic adj (material or layer)) same smae (chemical adj mechanical) same polish\$3 same (flat\$ or plan\$)) | USPAT; JPO | 2002/09/20 14:32 |
| - | 2 | 6118629.pn. | USPAT; JPO; DERWENT | 2003/01/09 10:49 |
| - | 50810 | 29/603.11, 603.13-17, 605, 606.ccls. | USPAT; JPO; DERWENT | 2004/03/11 14:25 |
| - | 3 | (29/603.11, 603.13-17, 605, 606.ccls.) and magentic and polish\$3 | USPAT; JPO | 2003/01/09 10:48 |

| | | | | |
|---|-----|--|---------------------------|------------------|
| - | 2 | 6043959.pn. | USPAT; JPO; DERWENT | 2003/01/09 10:50 |
| - | 45 | (29/603.11, 603.13-17, 605, 606.ccls.) and (magnetic adj head) and mask and etch\$3 | USPAT; JPO; DERWENT | 2003/01/09 10:51 |
| - | 46 | (360/126,317.ccls. and (magnetic adj head) and ((write adj gap) same coil)) and @ad<19980417 | USPAT; JPO | 2003/05/07 14:12 |
| - | 99 | 360/126,317.ccls. and ((write adj gap) same coil same (insulat\$3 adj layer)) | USPAT; JPO | 2003/05/07 14:17 |
| - | 26 | (360/126,317.ccls. and ((write adj gap) same coil same (insulat\$3 adj layer))) and @ad<19980417 | USPAT; JPO | 2003/05/07 14:19 |
| - | 268 | ((write adj gap) same coil same (insulat\$3 adj layer)) | USPAT; JPO | 2003/05/07 14:24 |
| - | 73 | ((write adj gap) same coil same (insulat\$3 adj layer))) and @ad<19980417 | USPAT; JPO | 2003/05/07 14:32 |
| - | 373 | 29/603.15, 603.16, 603.18.ccls. | USPAT; JPO; DERWENT | 2003/05/09 11:25 |
| - | 26 | (29/603.15, 603.16, 603.18.ccls.) and (ABS same polish\$3) | USPAT; JPO; DERWENT | 2003/05/09 11:25 |

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office


» Se.

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **8** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

perpendicular magnetic recording head

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Improved approximations for two-dimensional perpendicular magnetic recording heads***Shute, H.A.; Wilton, D.T.; McKirdy, D.Mc.A.; Mapps, D.J.;*

Magnetics, IEEE Transactions on , Volume: 39 , Issue: 4 , July 2003

Pages:2098 - 2102

[\[Abstract\]](#) [\[PDF Full-Text \(822 KB\)\]](#) IEEE JNL
2 Interaction between head and recording medium in perpendicular magnetic recording*Hokkyo, J.; Saito, I.; Satake, S.;*

Magnetics, IEEE Transactions on , Volume: 16 , Issue: 5 , Sep 1980

Pages:887 - 889

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE JNL
3 Ultrafast magnetization imaging*Choi, B.C.; Krichevsky, A.; Freeman, M.R.;*

Proceedings of the IEEE , Volume: 91 , Issue: 5 , May 2003

Pages:781 - 788

[\[Abstract\]](#) [\[PDF Full-Text \(597 KB\)\]](#) IEEE JNL
4 Approximate Three-Dimensional Head Fields for Perpendicular Magnetic Recording*Wilton, D.T.; McKirdy, D.M.; Shute, H.A.; Miles, J.J.; Mapps, D.J.;*

Magnetics, IEEE Transactions on , Volume: 40 , Issue: 1 , Jan. 2004

Pages:148 - 156

[\[Abstract\]](#) [\[PDF Full-Text \(1152 KB\)\]](#) IEEE JNL

5 Direct measurement of external magnetic fields from a single-pole-recording head using a microloop

Indeck, R.; Vos, M.; Persson, E.; Curland, N.; Judy, J.;

Magnetics, IEEE Transactions on , Volume: 23 , Issue: 5 , Sep 1987

Pages:2491 - 2493

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) **IEEE JNL**

6 Dynamics of perpendicular recording heads

Litvinov, D.; Chomko, R.; Wolfson, J.; Svedberg, E.; Bain, J.; White, R.; Chai R.; Khizroev, S.;

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001

Pages:1376 - 1378

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **IEEE JNL**

7 Improved approximations for 2-D perpendicular recording heads

Shute, H.A.; Wilton, D.T.; McKirdy, D.M.; Mapps, D.J.;

Joint NAPMRC 2003. Digest of Technical Papers [Perpendicular Magnetic Reco Conference 2003] , 6-8 Jan. 2003

Pages:41

[\[Abstract\]](#) [\[PDF Full-Text \(183 KB\)\]](#) **IEEE CNF**

8 Head-field rise-time effects in perpendicular recording

Nakamoto, K.; Bertram, H.N.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Pa 2002 IEEE International , 28 April-2 May 2002

Pages:EQ2

[\[Abstract\]](#) [\[PDF Full-Text \(219 KB\)\]](#) **IEEE CNF**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved